

Title (en)

Light sensing device having a color sensor and a clear sensor for infrared rejection

Title (de)

Lichtabtastrichtung mit einem farbigen Sensor und einem photometrischen Sensor zur Infrarotrückweisung

Title (fr)

Dispositif de détection de lumière doté d'un capteur de couleur et capteur photométrique pour rejeter les infrarouges

Publication

**EP 2249136 A3 20101215 (EN)**

Application

**EP 10161858 A 20100504**

Priority

US 43590909 A 20090505

Abstract (en)

[origin: EP2249136A2] A light sensing device has a first filter to block visible light in a light path. The light sensing device also has a first color sensor and a clear sensor, to detect light in the light path after the first filter. A light intensity calculator computes a measure of the intensity of visible light in the light path, based on a difference between (a) an output signal of the first color sensor, and (b) an output signal of the clear sensor. Other embodiments are also described and claimed.

IPC 8 full level

**G01J 1/16** (2006.01); **G01J 1/32** (2006.01)

CPC (source: EP US)

**G01J 1/1626** (2013.01 - EP US); **G01J 1/32** (2013.01 - EP US); **G01J 1/4204** (2013.01 - EP US); **G01J 1/0488** (2013.01 - EP US)

Citation (search report)

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- [XII] US 2008191298 A1 20080814 - LIN XIJIAN [US], et al
- [XPI] WO 2009093746 A1 20090730 - SHARP KK [JP], et al

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Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK SM TR

Designated extension state (EPC)

BA ME RS

DOCDB simple family (publication)

**EP 2249136 A2 20101110; EP 2249136 A3 20101215**; CN 101881657 A 20101110; CN 101881657 B 20131106; DE 102010028553 A1 20110825; DE 102010028553 B4 20130117; DE 102010064519 B3 20240321; JP 2012526280 A 20121025; JP 5639642 B2 20141210; KR 101159979 B1 20120625; KR 20100120270 A 20101115; RU 2011149308 A 20130610; RU 2498237 C2 20131110; US 2010282953 A1 20101111; US 2011298766 A1 20111208; US 2013002731 A1 20130103; US 8008613 B2 20110830; US 8217336 B2 20120710; US 8536511 B2 20130917; WO 2010129371 A2 20101111; WO 2010129371 A3 20110127

DOCDB simple family (application)

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